

PROJECT

CATALOG #

TYPE

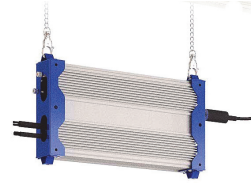
# VERTA-6F

## Powerful Indoor LED Grow Light

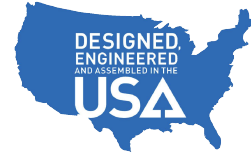
Performance, engineering excellence and price all comes together in SpecGrade's new professional grade Verta-6F. Our finely-tuned proven A1 spectrum will improve the trichomes and taste while cutting operational costs and shortening grow cycles. The Verta-6F is sure to be the professional's new go-to grow light for the highest return on investment.

The standard 0-10V dimming functions working together with the Grow-Connect ready (daisy-chaining) wiring harness makes the Verta-6F the perfect choice for both flowering and vegging applications.

Its modular design allows the you to field repair any failed components without experiencing any down-time. The proprietary thermal management system radiates less heat onto the plants while at the same time delivering unprecedented light levels and uniformity.



Modular driver may be remotely mounted or attached to the top of the VERTA-6F fixture.



### INTENSITY

Designed for Maximum PPFD While Using Significantly Less Power Than Traditional Light Sources

### PRECISION

Precision-Engineered A1 Spectrum Offers Light Tailored For a Plant's Entire Life Cycle

### ENGINEERING

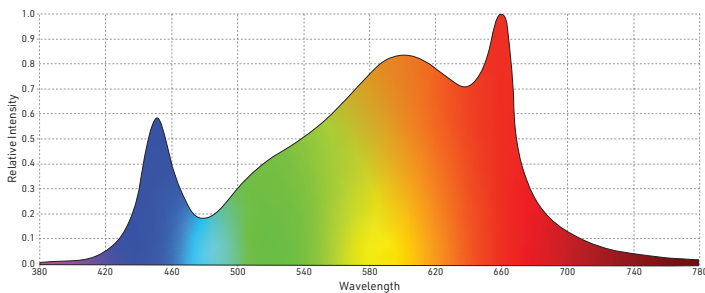
Fully Modular Design Enables Best in Class Maintenance and Adaptability

## Ordering Information

SERIES	MODEL	SPECTRUM	INPUT VOLTAGE	OPTIONS
VERTA	6F	A1	V01 (120-277V) V04 (347-480V)	[BLANK] (720W) 640 (640W SYS. POWER)

EXAMPLE PART #: VERTA - 6F - A1 - V01

## Available Spectrums



A1 Spectrum | Entire Life Cycle

# VERTA-6F

Powerful Indoor LED Grow Light

## Specifications

### Performance\*

**PPF (± 5%)** | 2,050 µmol/s std.,  
1,800 µmol/s (640 opt.)  
**PBAR (± 5%)** | 2,100 µmol/s std.,  
1,750 µmol/s (640 opt.)  
**System Power (± 3%)** | 720W std.,  
640W (640 opt.)  
**Efficacy** | 2.8 µmol/J  
**Distribution** | 120°  
**Spectrum** | A1  
**Thermal** | 100% Passive  
**Expected Life** | Q90 > 41,000 hrs.

### Electrical

**Voltage** | 120-277VAC (V01), 347-480VAC (V04)  
**Surge Protection** | 4kV (V01), 6kV (V04)  
**Dimming** | 0-10V  
**Power Factor** | >0.98  
**Current THD** | <10%

### Materials

**LEDs** | Proprietary blend of Broad Spectrum  
White and 660nm Red Diodes  
**Frame** | Powder Coated Stainless Steel  
**Finish** | Polyester Powder Coat, Antimicrobial  
Finish Optional  
**Heat Sink** | AL6061 Aluminum  
**Driver** | Inventronics

### Listings

**Rating** | IP66  
**Safety** | ETL Listed to UL 8800, UL 1598,  
UL 8750 Standards  
**FCC Compliant** | 47 CFR FCC Part 15  
Subpart B

### Misc

**Typical Mounting Height** | ≥6 to 36in. Above  
Canopy  
**Typical Footprint** | 48 x 48 in.  
**Finish** | White  
**Maximum Ambient Temperature** | 30°C

### Warranty

**LEDs** | 7 Years  
**Drivers** | 5 Years

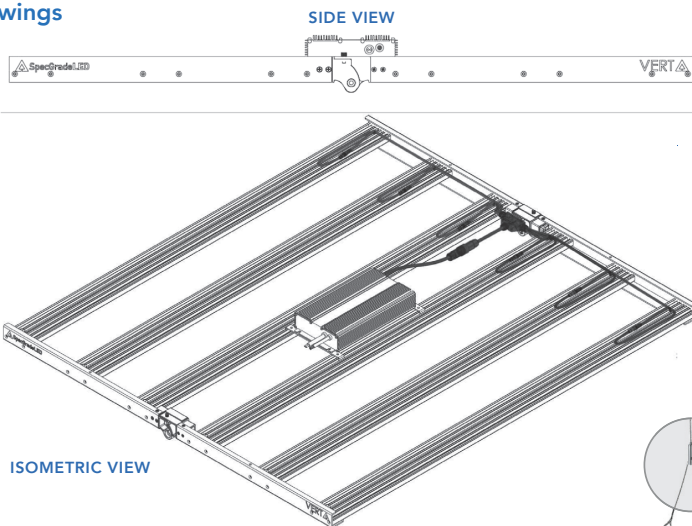
### Maximum Amperage By Voltage Service

Voltage	120V	208V	240V	277V	347V	480V
720W (std.)	6.0A	3.5A	3.0A	2.6A	2.1A	1.5A
640W (opt.)	5.3A	3.1A	2.7A	2.3A	1.8A	1.3A

## Product Data

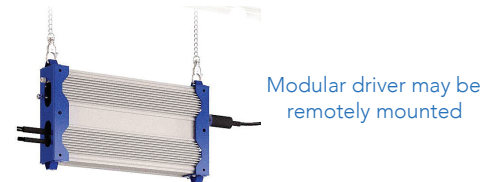
\*Performance data obtained from independent lab testing by LightLab International LLC. Report ID LLIA001756

### Drawings



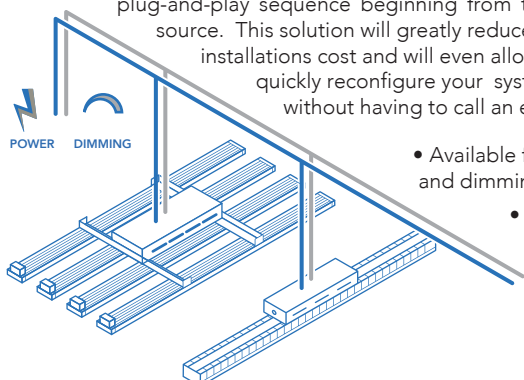
### Dimensions

	Fixture Weight	Driver Weight	Remoted Driver	Attached Driver
VERTA-6F	23.5 lb.	7.0 lb.	47.75 X 42 X 2.5 in.	47.75 X 42 X 3.5 in.

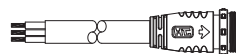


## Grow-Connect

SpecGrade's Grow-Connect is an easily installable daisy-chain wiring solution that is wet-location rated for grow facilities. Multiple grow lights may be wired together in a plug-and-play sequence beginning from the power source. This solution will greatly reduce installations cost and will even allow you to quickly reconfigure your system without having to call an electrician.

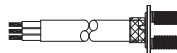


- Available for power and dimming circuits
- Tool Free
- IP67



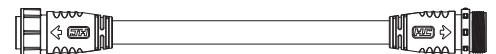
### Input

**GCPIGTAILx** | Pigtail  
**GC515P** | 120V PLUG (NEMA 5-15P)  
**GC615P** | 208-240V PLUG (NEMA 6-15P)  
**GCL715P** | 277V PLUG (NEMA L7-15P)



### Panel Mount

For direct connection to source power/control junction boxes  
**JPMV** | 120-277VAC  
**JPMD** | 0-10V DIMMING



### Extensions

**JEXT3x** | 3FT  
**JEXT6x** | 6FT  
**JEXT15x** | 15FT



### 1T TRUNK

**J1TV** | 120-277VAC  
**J1TD** | 0-10V DIMMING



### 3T TRUNK

**J3TV** | 120-277VAC  
**J3TD** | 0-10V DIMMING